

# Material Safety Data Sheet

## SECTION I ... PRODUCT IDENTIFICATION

**DATE : Aug. 2013**

Trade Name: Expand Vinyl  
Chemical Name : Plasticized PVC Leather  
Formula : N/A  
Manufacture Name :  
Address :  
Emergency Phone No. :

## SECTION II ... PHYSICAL DATA

|                            |   |                    |             |
|----------------------------|---|--------------------|-------------|
| Boiling Point :            | N/A   | Specific Gravity : | 1.20 ~ 1.60 |
| Vapor Pressure ( mm Hg ) : | N/A   | Percent Volatile : | Below 2.0%  |
| Solubility in Water :      | Not Soluble   | Evaporation Rate : | N/A         |
| Appearance and Odor :      | Solid Plastic Non-Expanded , Slight Characteristic Odor |                    |             |

\* N/A : No applicable information found

## SECTION III ... FIRE HAZARD DATA

Because PVC compounds contain chlorine in the polymer molecule, these materials are difficult to ignite. Like all organic materials, this product is combustible and will burn by application of intense heat. Protect form open flame and maintain proper clearance when using heating devices, etc.

### **UNUSUAL FIRE HAZARDS**

Static sparking can occur during processing. Flammable materials should be removed from the immediate vicinity or controlled. The use of static suppressant and grounding devices is recommended.

When burned the hazardous decomposition products that will result because of incomplete combustion include carbon monoxide, other unidentified products of hydrocarbon degradation, NO<sub>x</sub>, low level cyanides, and hydrogen chloride.

### **EXTINGUISHING MEDIA**

Dry chemical, foam, water fog or spay.

### **SPECIAL FIRE FIGHTING PROCEDURES**

Wear full protective equipment and NIOSH approved pressure demand, self-contained breathing apparatus.

## **SECTION IV ... REACTIVITY DATA**

Chemical Stability : Stable

Hazardous Polymerization : Will Not Occur

Hazardous Decomposition Products : Hydrogen chloride, carbon monoxide, low level cyanides and NOx, and other unidentified products of hydrocarbon degradation.

## **SECTION V ... HAZARDOUS INGREDIENTS**

PVC artificial leather are classified as articles and do not present any recognized health hazards.

Just like most plastic products, this product contains chemicals which can be hazardous. These chemicals, however, are mixed and bound in the plastic and are not release except under extreme circumstances such as fire.

## **SECTION VI ... HEALTH HAZARD DATA**

### **EFFECTS OF OVER EXPOSURE:**

Vapor and fumes from processing(especially at elevated temperature)may cause irritation of the eyes, nose,throat and upper respiratory tract.

### **FIRST AID PROCEDURE**

**SKIN** : Flush skin thoroughly with soap and cool water for at least five minutes.

**EYES** : Immediately flush eyes with potable water for at least 15 minutes, while forcibly holding eyelids apart. SEEK MEDICAL ATTENTION.

**INHALATION** : Remove to fresh air. If breathing is difficult, administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. SEEK MEDICAL ATTENTION.

**INGESTION** : Not deemed to be a normal route of exposure.

**NOTE TO PHYSICIAN** : Material has no significant toxic hazard. Hazardous fumes and gases that result from incomplete combustion and decomposition are carbon monoxide, low level cyanides, hydrogen chloride, NOx, and other unidentified products of hydrocarbon degradation.

## **SECTION VII ... SATORAGE AND HANDLING**

Storage: Storage in cool dry and well ventilated area. Sunshine, easy ignited chemicals, flame, high temperature should be avoid.

Handling: Use safety and proper procedures.

## **SECTION VIII ... DISPOSAL PROCEDURES**

Disposed in a landfill in compliance with safety and environmental laws.

## **SECTION IX ... SPECIAL PROTECTION INFORMATION**

### **PROTECTIVE GLOVES**

Use heavy cotton or insulated gloves to handle hot plastics.

### **EYE PROTECTION**

Safety glasses with side shields are recommended for all industrial workplaces.

### **VENTILATION AND RESPIRATORY PROTECTION**

Process which generate vapors, dust or fumes should be performed with adequate ventilation. If necessary use NIOSH approved chemical cartridge respirator.

## **SECTION X ... Disclaimer**

The information given in the sheet describes only the safety and handling purpose, No guarantee of any law regulation is intended or given.